**Arju Puri**

[**arju.puri@outlook.com**](mailto:arju.puri@outlook.com) **RESUME Location St. Louis MO**

**PROFESSIONAL SUMMARY:**

* Over 6 Year of experience in design, analysis, development and testing of web/enterprise based and client/server applications & relational database based applications.
* Strong experience in the designing, developing and implementing enterprise applications using **Java**/**J2EE**, **Core Java, JDBC, Servlets, JSP, Java Beans, XML and Web Services**.
* Expertise in various open source frameworks like **Struts2, Spring 4.0, JSF** and **ORM** Technology like **Hibernate 4.3**.
* Hands-on experience in developing **Microservices** solutions using **Spring Boot**.
* Hands on experience with **MVC** (Model View Controller) architecture using  **Spring, Struts and Hibernate** and spring modules like **Spring Boot, Spring IOC, Spring MVC, Spring AOP, Spring DAO and Spring JDBC**.
* Expertise in using Web Service technologies like **SOAP, REST API, WSDL, UDDI,** and **Service Oriented Architecture (SOA**),to integrate the web-based applications.
* Extensive usage and good knowledge on **Core Java** concepts like **OOPS**, **Multithreading**, **generics, IO, Collections, File Handling, Exception Handling, Garbage Collection.**
* Experience with multiple web/application Servers like **Apache Tomcat, IBM Web Sphere, Web Logic** and **JBOSS**.
* Experience in Web-Development technologies like **HTML, DHTML, CSS, JavaScript, jQuery, Angular JS, Node JS, XML, JSON, XSL/XSLT and AJAX**.
* Strong experience in RDBMS like **Oracle 11g, SQL Server, MYSQL, NOSQL** like **MongoDB, Cassandra,** schema development, **PL-SQL** programming, Stored Procedures, and Triggers.
* Worked under **Agile** (XP, Scrum, TTD), RUP methodologies.
* Experience in writing **Ansible** scripts, **maven** build scripts, providing logging facility using **Log4j**, **JUnit** test cases and bug tracking.
* Experience in creating **Splunk** dashboard and writing **SPL** for all the search commands, functions and arguments.
* Strong development experience in different IDE’s like **Eclipse, MyEclipse, Netbeans** and **Rational Application Developer (RAD)**.
* Experience in UML Modeling, Design Pattern (J2EE) like **Singleton Factory Method, Facade, Front Controller, Delegate Pattern, MVC Architecture**.
* Hands on experience with source control tools like **Github, Subversion, CVS** and **Clear Case**.
* Experience in developing test cases and test plans besides involving in Unit testing, Integration testing and User Acceptance testing.

**EDUCATION:**

Bachelor in **Computer Engineering**

**TECHNICAL SKILLS:**

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| Web Technologies | J2EE, J2SE, JSP, Servlet, Web Services, JDBC 2.1/3.0, MVC, JSTL, DOM, CSS, Applets. |
| **Java Frameworks** | Struts 1.x/2.x, Spring 4.x, Hibernate 4.x |
| **IDE / Tools** | Eclipse, Spring Tool Suite, My Eclipse, Net beans, PUTTY, SOAPUI. |
| **API** | Java Collections, Threads, RMI, JavaBeans, JDBC, JNDI |
| **Languages** | Java 1.5/1.6/1.7/1.8, C, C++, C#, SQL |
| **Web Services** | SOAP, REST, WSDL, Apache Axis, JAX-RS, JAX-WS |
| **Markup/Script languages** | HTML, XHTML, JavaScript, jQuery, Angular JS, JSON, XML, XSLT, CSS and AJAX |
| **Application Servers** | Apache Tomcat, IBM WebSphere, BEA Web logic Server, JBOSS. |
| **Databases** | Oracle 10g/11g, MYSQL, IBM DB2, MS SQL Server 2000/2005/2008, NoSQL,  MongoDB, Cassandra |
| **Version Control** | Github, Bitbucket, Subversion, CSV, Clear Case |
| **Operating System** | Windows 2000/NT/XP/7/10, Solaris, UNIX and Linux |

**PROFESSIONAL EXPERIENCE:**

**Charter Communications St. Louis MO Jan ’18 – Till Date**

**Role: Java/J2EE Developer**

**Spectrum Mobile** is the mobile service offered by Spectrum for the existing spectrum cable customers. **D2C (Directed to Customer)** is an application where customer can login and purchase spectrum mobile phone. In order to be eligible to buy the mobile phone, cable customer should be the primary account holder and should have active HSD service. If all the criteria are fulfilled, the cable customer is eligible to place mobile orders. Customer can also order the phone via **Telesales** portal where Customer Sales Agent will place the order.

In this project we created various micro services using JAVA/J2EE, Spring Boot, Spring modules, Rest web services, SOAP services, hibernate and other java technologies. Customer Information service will display customer’s information to the buy flow for a better user experience when purchasing a Phone and Plan. Customer information includes account ID, name, email, address and the users on the account. Similarly, we determine the user's eligibility to check if the Customer's current plan and devices are sufficient to enroll in the program. A credit score check is performed on the requesting customer based on User Guid (which is the unique identifier for each customer).

**Responsibilities:**

* Involved in the analysis, design, development and testing phases of Software Development Lifecycle (SDLC).
* Followed **Agile** and **SCRUM** methodologies and participate in daily scrum stand up.
* Designed and developed **microservices** and **restful** service endpoints using **Spring Boot**.
* Implemented various modules of Spring like **Spring IOC** fordependency injection, **Spring AOP** for cross-cutting concerns.
* Designed and developed **Restful** web services that communicate with oracle database in the backend and returns data in the JSON format.
* Expertise in developing and consuming **Rest** and **SOAP** based web services.
* Used **Hibernate** as the ORM tool to communicate with the database.
* Worked on **Oracle** & SQL Server as the backend databases, integrated with **Hibernate** to retrieve Data Access Objects.
* Created and configured **hibernate** **annotations**, performed persistent logic using **HQL** (**Hibernate Query Language**), named Queries and Criteria’s.
* Experience in database design, creation and management of Schemas, writing stored procedures, sql queries etc.
* Worked with **REDIS** server to store the data in the cache and quick retrieval.
* Designed and developed UI with **AJAX, HTML, DHTML** and **JavaScript** for interactive web pages.
* Designed and prepared Unit test case using **JUnit and Log4j** and removed the maximum bugs before passing on the application to the QA team.
* Used **Core Java** concepts like **Collections, generics, multi-threading, file handling** etc. to implement business logic.
* **Bitbucket** was used for the version control and source code management.
* Build **Maven** Script for the application and used Log4J for debugging.
* Developed unit and integration tests for **microservices** using **JUnit** and **Mockito**.
* Involved in **Test Driven Development (TDD)** for writing Test Cases, Testing Application and Implementation plan.
* Hands on experience with the scripting languages like **Linux** and **Unix**.
* Used **JIRA** for task scheduling, quality control activities like defect tracking and fixing.
* Deploy new releases and ensure production stability and fixed production issues.

**Environment**: Java 1.8, J2EE, Spring Boot 1.5.9, Spring IOC, Hibernate 4.3.11, REST, SOAP, Servlets, HTML, CSS, JSON, XML, JSP, Spring Tool Suite, SQL Server, Oracle, Sql Developer, Jenkins, TDD, Tomcat, Bitbucket, Maven, LINUX, Unix, Redis Desktop manager, MobaXterm, Postman.

**Comcast Center, Philadelphia PA Aug ’16 – Dec’17**

**Role: Java/J2EE Developer**

**Wireless Gateway Swap (WG-SWAP)** project deals with upgrading and replacing the old gateway with the new one in order to increase its feature and performance.

**dh-xrs-onboarding** is an application that creates a default system rule for all existing Xfinity Home subscribers (and all new subscribers) to notify when one or more security sensors is in low battery or sensor communication failure. The service includes onboarding existing/new XH accounts and provisioning all accounts with the default Battery System Notification Rule. The application is built using Spring Boot, core Java and RESTFUL Web Services. It is deployed in Tomcat Server.

**Responsibilities:**

* Involved in understanding business requirements and provide technical designs and necessary documentation.
* Sound knowledge of networking protocols, integration of network and gateways.
* Followed **Agile** and **SCRUM** methodologies and participate in daily scrum stand up.
* Implemented **Microservices** architecture to make application smaller and independent.
* Developed new **Spring Boot** application with **microservices** and added functionality to existing applications using **Java/J2EE** technologies.
* Used **Hibernate** as Object relational mapping tool for mapping Java Objects to database tables.
* Used **Hibernate Query Language**(**HQL**), annotations and Criteria for access and updating data.
* Implemented **REST Web Services** and performed the **HTTP** operations like GET, POST, PUT, Delete.
* Implemented **multithreading** to process multiple tasks concurrently in order to perform the read/write operations.
* Worked extensively with **Core Java**concepts like **Collections**, **Exception Handling**, **Java I/O**, and **Generics** to implement business logic.
* Developed web pages using with **HTML**, **CSS, JavaScript, jQuery and Ajax**.
* Used **JavaScript** for client side validations in the **JSP** and **HTML** pages.
* Created **Ansible** scripts to deploy the application in different servers.
* Secured the API by implementing **Oauth2** token based authentication/authorization

scheme using **spring security**.

* Created **Splunk** (**SPL**) dashboard for searching, monitoring and analyzing data.
* Used **YAML** to maintain properties in the application to change dynamically based on the environment we use.
* Created **SQL** queries and **stored procedures** to create, retrieve and update data from database.
* Used **Postman** for testing GET and POST responses of the application.
* Developed **Maven** Scripts to build and deploy EAR files.
* **Github** was used for the version control and source code management.
* Followed **Test Driven Development** (**TDD**), responsible for testing, debugging and bug fixing of the application.
* Used **log4j** to capture the logs that included runtime exceptions and debug information.
* The application was deployed in **LINUX** environment.

**Environment:** Java 1.7, J2EE, Spring 4.3.1, Spring Boot 1.5.7, Hibernate 3.5, Tomcat 8.5, RESTFUL Web services, Servlets, JSP, core Java, JDBC, HTML, CSS, XML, JavaScript, jQuery, AJAX, Oracle SQL Developer, Ansible 2.3.1, Github, gerrit, Splunk, Log4J, JUNIT, Maven, Jenkin, Linux and Eclipse.

**JPMorgan Chase, Chicago, IL Jan ’15 – Aug ’16**

**Role: Java/J2EE Developer**

Information Reporting Integrated Service (IRIS) is an information reporting application that consolidates the transaction information from multiple banking systems and organize the data in a structured manner that can be easily accessed and retrieved. This application is built using various Java frameworks like Spring, Struts, Hibernate and Web Services. It is deployed in WebSphere Application Server.

**Responsibilities:**

* Involved in different activities of software development like analysis, design, development, unit testing and test case creation.
* Developed the application framework following the **MVC** architecture using **Struts** and **Spring.**
* Implemented **Struts2** to write Action classes for handling requests and processing form submissions.
* Used **Struts Validator** for server side and client side validations.
* Implemented Spring Dependency Injection (**Spring IOC**) and **Spring AOP**.
* Used **Spring DAO** module to interact with database in DAO layer.
* Experience with **Spring JDBC** to connect with the database and execute SQL queries.
* Implemented **Soap** based Web Services using **JAX-WS** framework.
* **Used Spring Batch** for processing large amount of data like transaction management,

job processing, resource management and logging.

* Developed the User Interface using **HTML, CSS, JavaScript, JSON, JSTL** and **AJAX**.
* Developed application using **Struts, Servlets** and **JSPs**.
* Used **XML, XSL** and **XSLT** for developing a dynamic and flexible system for handling data.
* Developed **Junit** test cases for all the developed modules.
* Setup and configured **WebSphere** Application Server for deployment and testing.
* Built and deployed the application using **Maven**.
* Created **PL**/**SQL** queries and stored procedures to create, retrieve and update data from database.
* **Subversion** was used for the version control.
* Followed **Agile** and **SCRUM** methodologies and participate in daily scrum stand up meetings during development process.
* Extensively used JUnit for unit testing, integration testing and production testing, following the **Test-Driven Development (TD)**

**Environment:** Java 1.7, J2EE, Struts2, Spring 3.0, Spring JDBC template, Oracle 11g, WebSphere Application Server 8.5, core Java, Log4J, JUNIT, SOAP, JAX-WS, Servlet, JSP, JDBC, HTML, CSS, XML, AJAX, JavaScript, JSON, Maven, JIRA, Jenkins and Eclipse.

**Softech Foundations Private Limited, Nepal Mar ’11– July ’13**

**Role: Java/J2EE Developer**

Softech Foundation Private Limited is a software development company, focuses on providing IT consulting services, web development and software development, re-engineering solutions and ready-to-deploy business applications for a number of industries including e-commerce, banking and finance, medicine, manufacturing.

**Responsibilities:**

* Involved in different activities of software development like analysis, design, deployment, unit testing and test case creation.
* Implemented **Spring MVC** framework which includes writing Controller classes for handling requests, processing form submissions and also performed validations.
* Implemented Spring Dependency Injection (**Spring IOC**).
* Used **Spring AOP** for solving crosscutting concerns like keeping logged data and transactions details etc.
* **Hibernate** framework was used in persistence layer for mapping an object-oriented domain model to Oracle Database.
* Developed application DAO layer using Hibernate DAO support.
* Built Web Services with top-down/bottom-up approach depending on the need.
* Developed Web Services for data transfer from client to server and vice versa using **Apache Axis, SOAP, WSDL and UDDI.**
* Developed **SOAP** based Web services using **JAX-WS** framework.
* Used **Java** Fundamentals and **OOPS** concepts like **inheritance**, **polymorphism**, **abstraction** to develop the code.
* Designed and developed the UI components using **JSP, HTML, CSS, JavaScript, AJAX.**
* Used **Enterprise Java Bean(EJB)** to develop business logic and coded reusable components in Java Beans.
* Created **PL/SQL** statements for the effective retrieval and storage of data from the database.
* Implemented Design Patterns like Front Controller, Business Delegate, Data Access Objects, and Singleton.
* Developed Unit Tests and Test Suites.
* Used **Maven** based scripts to build and deploy the applications on the Server.
* Used **Subversion** for Version Control Management.
* Used **log4j** for writing into application and error logs.
* Good knowledge of Data Structure and algorithm.
* Developed Use Case, Class diagrams, Object diagrams, and Sequence diagrams using UML.

**Environment**: Java 1.5, J2EE, Spring MVC, Hibernate 2.5, Spring IOC, Spring AOP, SOAP, JAX-WS, SOAPUI, Servlets, HTML, CSS, JSP, JavaScript, AJAX, SQL, HQL, Tomcat 5.0, Oracle 10g, PL/SQL, Subversion, Log4J, JUNIT, LINUX.